

表 7.1 移植年疾患別移植件数

Trends in all transplants according to disease

(集計データセット3: 1991年から2017年の初回の移植報告)

(Dataset 3: reported first transplants conducted between 1991 and 2017)

疾患名 disease	'91~'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	合計 Total
白血病 Leukemia	19,335	1,802	1,944	1,982	2,164	2,230	2,326	2,350	2,432	2,490	2,415	2,527	43,997
急性骨髄性白血病 AML	8,042	884	996	1,034	1,140	1,133	1,169	1,191	1,220	1,241	1,201	1,277	20,528
M0	508	56	77	81	83	89	111	99	85	68	68	87	1,412
M1	1,035	125	127	134	152	172	162	158	171	172	166	168	2,742
M2	2,580	314	365	398	408	390	395	441	453	466	444	459	7,113
M3	589	38	43	41	51	45	38	40	41	46	34	33	1,039
M4	1,060	135	141	148	132	146	154	147	156	163	150	147	2,679
M5	817	82	96	95	105	104	87	103	105	107	109	109	1,919
M6	271	47	47	43	58	59	59	60	75	72	80	52	923
M7	179	25	24	30	38	32	31	23	30	31	28	25	496
AML:その他	1,003	62	76	64	113	96	132	120	104	116	122	197	2,205
急性リンパ性白血病 ALL	5,682	447	492	489	492	536	561	486	526	537	528	547	11,323
L1	1,461	157	184	169	165	210	186	156	166	186	193	178	3,411
L2	2,112	266	277	291	285	278	323	286	298	310	286	290	5,302
L3	96	7	9	6	17	9	5	2	12	9	5	10	187
ALL:その他	2,013	17	22	23	25	39	47	42	50	32	44	69	2,423
慢性骨髄性白血病 CML	2,822	64	69	47	65	80	58	69	74	77	78	72	3,575
骨髄異形成症候群 MDS	2,021	263	250	265	291	307	371	398	403	423	400	420	5,812
RA	566	85	88	73	83	91	124	128	128	108	116	92	1,682
RARS	25	5	2	5	3	4	10	12	7	9	10	22	114
RAEB	619	108	95	116	144	155	168	174	193	225	195	197	2,389
RAEBt	353	30	29	33	24	20	28	26	29	31	17	26	646
CMMoL	140	18	15	18	19	16	20	21	19	20	27	24	357
JMML	102	9	9	10	12	11	8	14	6	3	7	16	207
MDS:不明・未記入	216	8	12	10	6	10	13	23	21	27	28	43	417
その他の白血病 Other leukemias	768	144	137	147	176	174	167	206	209	212	208	211	2,759
成人T細胞性 ATL	596	114	117	122	141	141	145	169	174	159	168	163	2,209
その他の白血病	172	30	20	25	35	33	22	37	35	53	40	48	550
骨髄増殖性疾患	100	19	26	32	25	39	36	40	40	35	43	49	484
悪性リンパ腫 Malignant lymphoma	8,284	982	927	1,038	1,048	1,033	1,126	1,076	1,051	1,062	1,159	1,162	19,948
Non-Hodgkin's lymphoma	7,331	882	823	942	911	917	1,005	958	949	948	1,004	994	17,664
Precursor B-cell neoplasm	165	28	40	32	25	49	31	29	32	40	30	25	526
Precursor T cell neoplasm	268	30	32	35	37	48	49	45	45	26	48	34	697
NK-cell neoplasm	45	12	5	9	8	4	5	5	3	6	7	2	111
Precursor NK cell ALL	2	0	2	1	0	0	0	0	1	0	0	0	6
Blastic NK cell lymphoma	37	12	3	8	8	4	5	5	2	6	6	2	98
Unknown	6	0	0	0	0	0	0	0	0	0	1	0	7
Mature B cell neoplasm	2,717	646	589	681	635	613	692	684	661	678	691	729	10,016
Indolent	867	197	175	205	168	148	172	173	172	184	170	157	2,788
Chronic lymphocytic leukemia /Small lymphocytic lymphoma	18	2	1	2	2	6	3	0	3	4	3	3	47
Lymphoplasmacytic lymphoma	16	4	4	8	4	3	6	7	6	9	3	7	77
Splenic marginal zone lymphoma	4	0	3	2	1	2	1	1	0	1	2	0	17
Hairy cell leukemia	0	1	0	0	0	0	0	0	0	0	0	0	1
MALT lymphoma	12	0	0	5	2	2	4	2	0	3	1	1	32
Nodal marginal zone B-cell lymphoma	13	2	2	2	1	2	2	3	1	4	0	2	34
Follicular lymphoma	639	148	122	126	120	88	115	103	108	110	87	90	1,856
Mantle cell lymphoma	165	40	43	60	38	45	41	57	54	53	74	54	724
Aggressive	1,821	449	414	475	467	465	520	511	489	494	520	571	7,196
B-cell prolymphocytic leukemia	11	3	6	0	4	4	1	1	2	3	4	1	40
Diffuse large B-cell lymphoma	1,582	404	351	414	400	412	462	438	430	428	456	489	6,266
Mediastinal (thymic) large B-cell lymphoma	72	16	17	15	20	18	8	18	15	15	10	18	242
Intravascular large B-cell lymphoma	58	12	16	12	14	5	15	18	10	10	13	18	201
Primary effusion lymphoma	1	0	0	1	0	1	0	0	0	0	1	1	5
High-grade B-cell lymphoma, Burkitt-like	2	0	0	7	2	3	7	12	6	12	11	12	74
Burkitt lymphoma/leukemia	92	9	15	14	20	12	9	7	13	7	9	7	214
Lymphomatoid granulomatosis	1	0	0	0	0	0	1	0	0	0	0	0	2
Primary CNS lymphoma	2	5	9	12	7	10	17	17	13	19	16	25	152

疾患名 disease	'91~'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	合計 Total
Unknown	29	0	0	1	0	0	0	0	0	0	1	1	32
Mature T cell/NK cell neoplasm	632	155	149	172	186	190	208	180	185	178	209	182	2,626
T-cell prolymphocytic leukemia	8	1	2	1	1	1	2	2	0	2	3	2	25
T-cell LGL leukemia	2	0	0	0	0	1	0	0	0	0	0	0	3
Aggressive NK cell leukemia	13	2	3	3	2	3	4	1	3	7	5	4	50
Extranodal NK/T cell lymphoma, nasal type	93	27	32	28	33	45	42	25	28	32	46	31	462
Enteropathy-type T-cell lymphoma	13	2	3	5	5	6	10	9	10	8	9	6	86
Hepatosplenic T-cell lymphoma	12	4	1	2	4	3	5	2	5	5	3	5	51
Subcutaneous panniculitis-like T-cell lymphoma	14	5	3	3	4	6	1	3	3	3	2	3	50
Mycosis fungoides	7	2	2	5	5	4	6	9	6	4	7	9	66
Sezary syndrome	4	0	3	3	4	0	3	3	2	0	2	2	26
Primary cutaneous anaplastic large cell lymphoma	5	0	0	3	2	3	4	4	0	3	4	1	29
Lymphomatoid papulosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Borderline lesion	2	0	0	0	0	0	0	0	0	1	0	0	3
Angioimmunoblastic T-cell lymphoma	99	31	25	35	43	30	36	37	39	44	52	38	509
Peripheral T-cell lymphoma, unspecified	204	55	56	64	60	62	69	64	61	49	59	56	859
Anaplastic large cell lymphoma	136	26	19	20	22	26	26	21	28	20	17	25	386
Unknown	20	0	0	0	1	0	0	0	0	0	0	0	21
Others	246	10	7	8	16	11	17	12	22	15	15	20	399
Unclassified	50	1	1	5	3	1	3	2	1	5	4	2	78
Unknown	3,208	0	0	0	1	1	0	1	0	0	0	0	3,211
Hodgkin's lymphoma	559	68	58	67	94	80	80	76	77	81	105	66	1,411
Nodular lymphocyte predominance Hodgkin's lymphoma	46	8	4	12	14	14	7	11	9	14	14	9	162
Classical Hodgkin's lymphoma	157	58	51	53	74	65	66	61	66	63	87	52	853
Nodular sclerosis Hodgkin's lymphoma	82	27	27	30	41	40	39	37	36	37	49	34	479
Lymphocyte-rich classical Hodgkin's lymphoma	15	5	5	4	13	7	10	4	6	4	9	3	85
Mixed cellularity Hodgkin's lymphoma	1	5	1	3	1	1	0	2	1	0	2	0	17
Lymphocyte depletion Hodgkin's lymphoma	57	21	18	16	19	17	17	18	22	21	27	14	267
Unknown	2	0	0	0	0	0	0	0	1	1	0	1	5
Others	14	0	1	1	4	1	3	1	0	2	3	2	32
Unclassified	9	2	1	1	2	0	3	3	2	2	1	3	29
Unknown	333	0	1	0	0	0	1	0	0	0	0	0	335
Other lymphoma	44	18	16	15	26	20	17	29	14	19	25	26	269
Type unknown	350	14	30	14	17	16	24	13	11	14	25	76	604
形質細胞性腫瘍 Plasma cell dyscrasia	2,256	426	438	469	539	497	635	652	738	720	706	783	8,859
多発性骨髄腫 Multiple myeloma	2,086	370	384	399	453	425	555	579	655	612	618	606	7,742
形質細胞腫	13	8	2	3	12	15	12	13	9	20	15	13	135
アミロイドーシス	62	21	18	31	37	26	36	32	34	45	34	40	416
形質細胞性白血病	15	8	6	7	13	9	10	7	14	13	8	12	122
重鎖病	0	0	1	0	0	0	0	0	0	0	0	0	1
POEMS症候群	19	14	18	16	14	13	12	14	17	19	16	13	185
その他の形質細胞性腫瘍	61	5	9	13	10	9	10	7	9	11	15	99	258
固形腫瘍 Solid tumors	3,487	186	206	183	175	175	170	143	136	154	138	152	5,305
乳癌 Breast cancer	441	0	4	1	2	0	0	0	0	0	0	0	448
卵巢癌 Ovarian cancer	164	1	1	0	0	0	1	0	0	0	0	0	167
横紋筋肉腫 Rhabdomyosarcoma	327	25	19	21	15	17	14	15	8	6	10	5	482
胚細胞腫瘍 Germ cell tumor	461	17	13	18	13	9	9	12	8	6	7	11	584
肺癌 Lung cancer	123	1	0	0	1	0	2	0	0	0	1	0	128
肺芽腫 Pulmonary blastoma	14	0	2	0	4	1	0	1	2	0	0	0	24
ユーイング肉腫 Ewing's sarcoma	223	11	15	18	16	23	16	12	7	13	4	8	366
神経芽腫 Neuroblastoma	750	55	76	63	66	61	60	56	57	70	70	62	1,446
中枢神経腫瘍 CNS tumors	288	37	34	37	26	33	34	21	34	28	18	40	630
腎臓癌 Renal cancer	94	4	5	2	2	2	1	1	5	2	2	5	125
その他の悪性腫瘍 Other malignant tumors	602	35	37	23	30	29	33	25	15	29	26	21	905
再生不良性貧血 Aplastic anemia	1,256	99	112	109	92	124	128	102	94	97	92	83	2,388
赤芽球癆PRCA	22	1	0	1	2	0	0	1	2	0	2	2	33
発作性夜間血色素尿症PNH	23	2	2	2	2	2	1	1	2	3	1	0	41
その他 Other diseases	816	78	106	83	108	118	91	107	106	118	112	110	1,953
免疫不全症	264	29	29	27	26	36	28	39	28	37	39	39	621
先天性代謝異常	162	5	15	8	20	11	15	10	19	14	8	5	292
慢性活動性EBV感染症	77	19	24	17	33	28	15	24	26	29	30	30	352

疾患名 disease	'91~'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	合計 Total
血球貪食症候群HPS	107	7	17	12	10	20	11	10	12	11	6	7	230
自己免疫疾患	40	4	7	3	3	4	8	2	2	0	1	0	74
先天性造血障害	133	14	14	13	14	15	13	19	14	21	26	22	318
その他の少数報告例	33	0	0	3	2	4	1	3	5	6	2	7	66
診断名不明	39	0	2	0	0	0	0	0	2	0	1	1	45

\* 悪性リンパ腫は2005年度調査までにWorking Formulation 分類で収集されたものと、2006年度以降調査のWHO 分類で収集されたものを別々に表示してある。  
また、Working Formulation 分類で収集された大半のデータをデータ一元化に伴いWHO 分類に統一した。その際に変換不可能だったデータはUnknown となっている。  
\* Data of malignant lymphoma include those collected until 2005 with the Working Formulation classification and those collected in 2006 or after with the WHO classification. Several data collected until 2005 were converted to the WHO classification as a part of data unification. Those which would not be converted are included to "Unknown" category.